

121103
11696 U.S. PTO

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application Transmittal

Mail Stop Patent Application
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450
 Sir:

10/733694
121103
U.S.PTO121103
U.S.PTO

Transmitted herewith for filing is the Patent Application of:

Inventor: David W. Boerstler et al

For: **HIGHLY SCALABLE METHODS AND APPARATUS FOR MULTIPLEXING SIGNALS****ASSIGNEE NAME: INTERNATIONAL BUSINESS MACHINES CORPORATION****ASSIGNEE RESIDENCE: ARMONK, NEW YORK**

Enclosed are:

- 15 Pages of Specification and 1 Abstract
- 4 Sheets of Drawings
- A Declaration and Power of Attorney
- An Information Disclosure Statement and form PTOSB08A
- A certified copy of _____ Application
- An assignment of the invention to International Business Machines Corporation, Armonk, New York 10504

The filing fee has been calculated as follows:

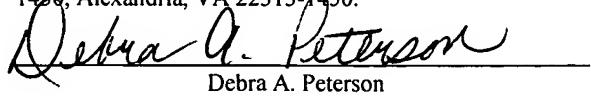
For:	No. Filed	No. Extra
Basic Fee		
Total Claims	17 -20 =	0
Indep. Claims	5 -3 =	2
<input type="checkbox"/> Multiple Dependent Claim Presented		

Other Than Small Entity

Rate	Fee
	\$ 770.00
x \$18.00=	0.00
x \$86.00=	172.00
\$290.00	\$ 0.00
TOTAL	\$942.00

EXPRESS MAIL CERTIFICATE

Express Mail Label No.: EV407023228US
 Date: December 11, 2003
 I hereby certify that I am depositing the enclosed or attached paper with the U.S. Postal Service "Express Mail Post Office to Addressee" service on the above date, addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Debra A. Peterson

Patent Application Transmittal
 Attorney Docket No. ROC920030116US1

Deposit Account Authorization:

- Please charge Deposit Account No. 09-0465 in the amount of \$942.00. A duplicate copy of this sheet is enclosed.
- The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 09-0465. A duplicate copy of this sheet is enclosed.
- Any additional filing fees required under 37 C.F.R. §1.16.
- Any patent application processing fees under 37 C.F.R. §1.17.

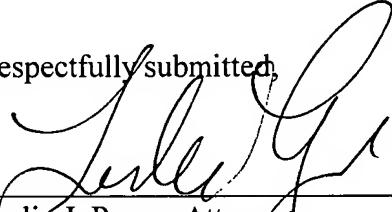
Date: December 11, 2003

IBM Corporation
Intellectual Property Law, Dept. 917
3605 Highway 52 North
Rochester, MN 55901

(507) 253-2555 voice
(507) 253-2382 fax

Respectfully submitted,

By _____


Leslie J. Payne, Attorney
Registration No. 26,378